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COPY

TELEFACSIMILE MESSAGE

Name of Sender: Victor K. Lee

Date: March 18, 1998

Pages (including this page) 9

Our Reference: 8907-057-999

Name/ Title of Recipient	Department/ Company/Firm Address	Facsimile Number	Your Reference
Examiner F. Vandervegt	Art Unit 1816 U.S. Patent and Trademark Office	703-305-7401	

Confirmation Copy Will Will Not follow.

RE: U.S. Application Serial No. 08/852,495
 Filed: May 7, 1997
 For: **POLYMORPHISMS IN THE REGION OF
 THE HUMAN HEMOCHROMATOSIS GENE**

Dear Examiner Vandervegt:

Per your request, transmitted herewith is a copy of the Certificate Under 37 C.F.R. § 3.73(b) and Revocation and Power of Attorney mailed to the Patent Office on March 3, 1998.

Please feel free to call us if we may be of further assistance.

Very truly yours,



Victor K. Lee

If you have any problems regarding this transmission, please contact: Victor K. Lee at Ext. 7703

The information contained in this facsimile message is information protected by attorney-client and/or the attorney/work product privilege. It is intended only for the use of the individual named above and the privileges are not waived by virtue of this having been sent by facsimile. If the person actually receiving this facsimile or any other reader of the facsimile is not the named recipient or the employee or agent responsible to deliver it to the named recipient, any use, dissemination, distribution, or copying of the communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone and return the original message to us.

DNV/DO/00001

Express Mail No.: EM 202 006 284 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: *Ruddy et al.*

Serial No.: 08/852,495

Group Art Unit: to be assigned

Filed: May 7, 1997

Examiner: to be assigned

For: POLYMORPHISMS IN THE
REGION OF THE HUMAN
HEMOCHROMATOSIS GENE

Attorney Docket No.:
8907-0057-999

TRANSMITTAL OF CERTIFICATE UNDER 37 C.F.R. § 3.37(b)
AND REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

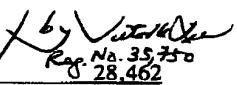
Sir:

Applicants respectfully request that the attached Certificate Under 37 C.F.R. §3.73(b) and Revocation and Power of Attorney be filed in connection with the above-captioned application. Applicants believe that no fee is required at this time.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Pennie & Edmonds LLP Deposit Account No. 16-1150 for any matter in connection with this transmittal.

Respectfully submitted,

Date March 3, 1998

Brian M. Poissant 
Reg. No. 35,750
28,462

Brian M. Poissant (Reg. No.)

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, New York 10036-2711
(212) 790-9090

Enclosure

PEMP-94061.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Ruddy *et al.*

Serial No.: 08/852,495

Group Art Unit: to be assigned

Filed: May 7, 1997

Examiner: to be assigned

For: POLYMORPHISMS IN THE
REGION OF THE HUMAN
HEMOCHROMATOSIS GENE

Attorney Docket No.:
8907-0057-999

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)
AND REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned has reviewed all the documents in the chain of title of the above-identified patent application and, to the best of undersigned's knowledge and belief, title is in the assignee identified below. Attached hereto is a copy of the Notice of Recordation of Assignment Document for the above-identified application.

MERCATOR GENETICS, INC., a California corporation, having its principal place of business located at 4040 Campbell Avenue, Menlo Park, California, 94025, certifies that, subject to certain rights of the U.S. government, it is the assignee and owner of the entire right, title and interest in, to and under the invention described and claimed in the above-identified application, and hereby revokes all previous Powers of Attorney granted in this application and appoints the following attorneys:

S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III
(Reg. No. 20280), Berj A. Terzian (Reg. No. 20060),
Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg.
No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry
D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg.
No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V.
Colaianni (Reg. No. 20019), Charles E. McKenney (Reg.
No. 22795), Philip T. Shannon (Reg. No. 24278), Francis
E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No.

24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Ann L. Gisolfi (Reg. No. 31956), Mark A. Farley (Reg. No. 33170), and James G. Markey (Reg. No. 31636), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, its attorneys.

to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Please direct all correspondence, telephone calls and facsimile
transmissions to:

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, New York 10036-2711
(650) 493-4935 - Telephone
(650) 493-5556 - Facsimile

MERCATOR GENETICS, INC

Date: 2/27/98 By: D. Given
Name: Douglass B. Given
Title: President

FILE COPY

Express Mail No. EM 202 006 284 US First Class Mail ()
Date Mailed March 3, 1998
Ser. No. 08/852,495 Filed May 7, 1997
Inventor Ruddy et al.
For POLYMORPHISMS IN THE REGION OF THE HUMAN
HEMOCHROMATOSIS GENE

<input type="checkbox"/> Affidavit/Declaration	<input type="checkbox"/> Fee Address Indication Form
<input type="checkbox"/> Amendment	<input type="checkbox"/> Fee Calculation
<input type="checkbox"/> Application <u>Pages</u>	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> <u>Claims</u> <u>Drawings</u>	<input type="checkbox"/> Letter
<input type="checkbox"/> Appeal, Notice of	<input type="checkbox"/> Oral Hearing Req./Confirm.
<input checked="" type="checkbox"/> Assignment documentation (copy)	<input type="checkbox"/> Petition to Extend Time
<input type="checkbox"/> Brief (in triplicate)	<input type="checkbox"/> Pet. under 37 C.F.R.
<input type="checkbox"/> Declaration & Power of Attorney	<input checked="" type="checkbox"/> Power of Attorney & Cert 37CFR3.73 (b) Associate <input checked="" type="checkbox"/> w/Revocation
<input type="checkbox"/> Design Application	<input type="checkbox"/> Sequence Listing w/Computer Readable and Paper Copies
<input type="checkbox"/> Disclaimer	<input type="checkbox"/> Small Entity Statement
<input type="checkbox"/> Disclosure Statement	<input type="checkbox"/> Status Letter
<input type="checkbox"/> w/refs. <input type="checkbox"/> w/o refs.	<input checked="" type="checkbox"/> Transmittal Letter (dupl.)
<input type="checkbox"/> Drawings Formal <u>Sheets</u> <u>Figures</u>	

Other: Return postcard

File No. 8907-057-999 Sender: BMP/VKL/pds



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

08/852495

05/07/97

RUDDY

17957-000110

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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RENEE A FITTS
TOWNSEND AND TOWNSEND AND CREW
TWO EMBARCADERO CENTER
8TH FLOOR
SAN FRANCISCO CA 94111-3834

VANDERVEGT, FRA

EXAMINER

1644

ART UNIT

PAPER NUMBER

03724700

DATE MAILED:

03/03/98

This is in response to the Power of Attorney filed _____

1. The Power of Attorney to you in this application **has been revoked** by the applicant. Future correspondence will be mailed to the new address of record. 37 CFR 1.33.

2. The Power of Attorney to you in this application **has been revoked** by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record. (37 CFR 1.33).

3. The withdrawal as attorney in this application **has been accepted**. Future correspondence will be mailed to the new address of record. 37 CFR 1.33.

This is a communication from the
Patent and Trademark Office

4. The Power of Attorney in this application is **accepted**. Correspondence in this application will be mailed to the below-noted address as provided by 37 CFR 1.33.

5. The Power of Attorney in this application is **not accepted** for the reason(s) checked below:

a. The Power of Attorney is from an assignee and the Certificate required by 37 CFR 3.73 (b) has not been received.

b. The person signing for the assignee has omitted their empowerment to sign on behalf of the assignee.

c. The inventor(s) is without authority to appoint attorneys since the assignee has intervened as provided by 37 CFR 3.71.

d. The signature of _____, a co-inventor in this application, has been omitted. The Power of Attorney will be entered upon receipt of confirmation signed by said co-inventor.

e. The person(s) appointed in the Power of Attorney is not registered to practice before the U.S. Patent & Trademark Office.

f. The revocation is not signed by the applicant, the assignee of the entire interest, or **one** particular principal attorney having the authority to revoke.

FENNIE AND EDMOND'S LLP
1156 AVENUE OF THE AMERICAS
NEW YORK, NY 10036-3714

This is a communication from the
Patent and Trademark Office



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY-AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JANUARY 13, 1998

PTAS

TOWNSEND AND TOWNSEND AND CREW LLP
RENEE A. FITTS
TWO EMBARCADERO CENTER, 8TH FLOOR
SAN FRANCISCO, CA 94111-3834



100581245A

8907-057-999

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/19/1997

REEL/FRAME: 8813/0560

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS)..

ASSIGNEE:

RUDY, DAVID A.

DOC DATE: 11/11/1997

ASSIGNEE:

WOLFF, ROGER K.

DOC DATE: 11/07/1997

ASSIGNEE:

MERCATOR GENETICS, INC.
4040 CAMPBELL AVENUE
MENLO PARK, CALIFORNIA 94025

SERIAL NUMBER: 08852495

FILING DATE: 05/07/1997

PATENT NUMBER:

ISSUE DATE:

98 JAN 26 AM 8:50
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TOWNSEND & TOWNSEND
& CREW
60

SHIRLIE SIMON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Attorney Docket No. 17957-000110

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, David A. Ruddy of 885 Greenwich Street, San Francisco, CA 94133, and Roger K. Wolff of 41 Eugene Street, Mill Valley, CA 94941, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: Polymorphisms in the Human Hemochromatosis Gene

Filing date: May 7, 1997 Application No.: 08/852,495; and

WHEREAS, Mercator Genetics, Inc. a California corporation, located at 4040 Campbell Avenue, Menlo Park, CA 94025, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

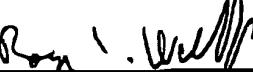
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: 11/11/97


David A. Ruddy

Date: 11/11/97


Roger K. Wolff

ASSIGN.MRG 9/96

H:\HOME\BRAPI\WORK\17957\110\ASSIGN.